

Location

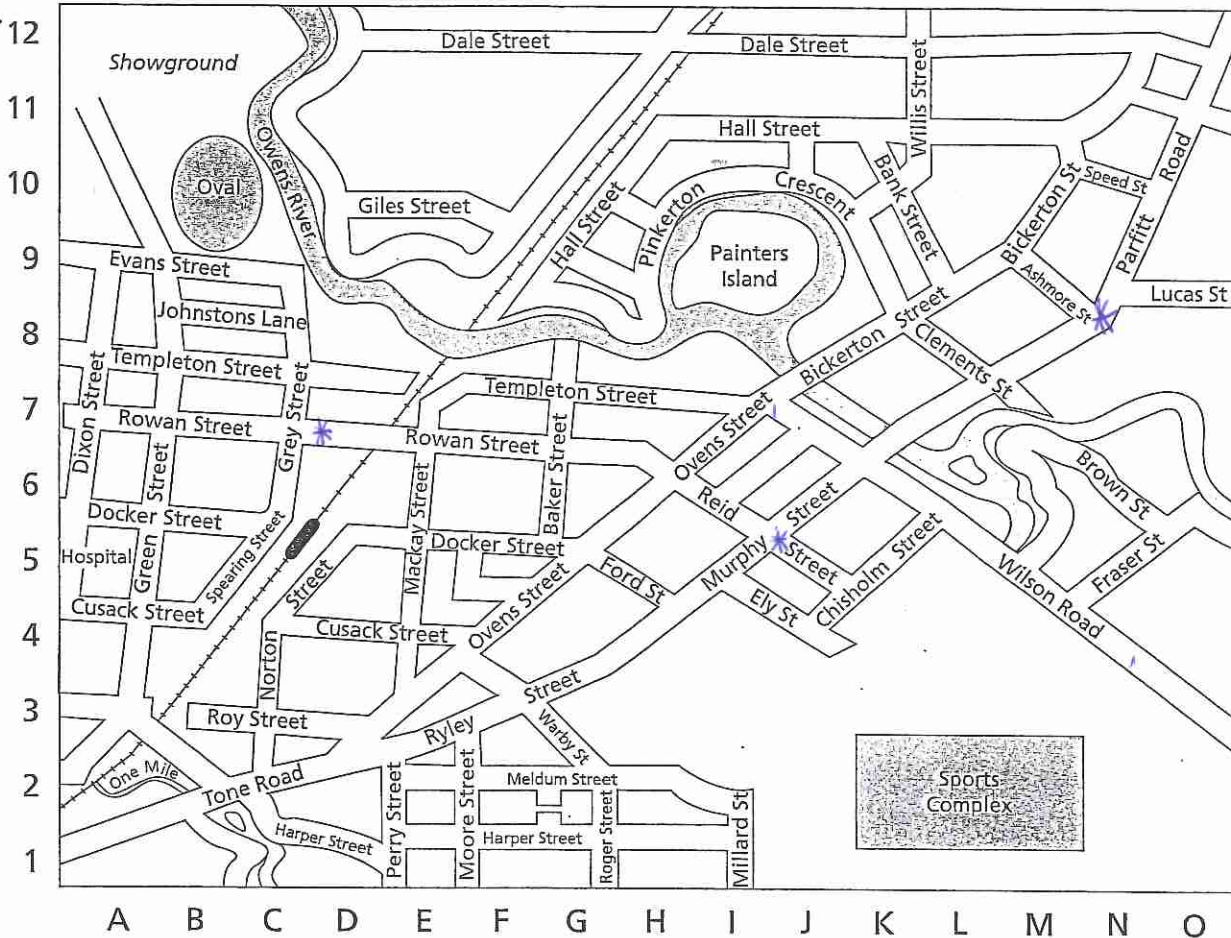
Name Mr Rayla

Class 5 Date 3/11/2010

Progression Points

- 3.25 Use a graphical scale to determine actual size and distance from a map.
Interpretation of maps in their own immediate environment using various scales; for example, school ground, suburb, state, country.
Description of a path by a set of coordinates.
- 3.5 Sketch a simple map that has a scale such as 1 cm = 1 m.
- 3.75 Use of a compass and compass directions to show orientation in the school ground.
- 4.0 Use of compass directions, coordinates, scale and distance and conventional symbols to describe routes.
- 4.0+ Solve problems involving maps.

3.25



- 1 Use the scale to help you find:
a the length of the sports complex 300 meters ✓ Scale 1 cm = 100 m
b the width of the sports complex 150 meters ✓

- 2 Use crosses to mark the following on the map above:
a Rowan Street D7 ✓ b Ashmore Street N9 ✓ c Murphy Street J5 ✓

- 3 Write a set of coordinates for:
a the oval B10 ✓ b Painters Island I9 ✓ c the railway station C5 ✓

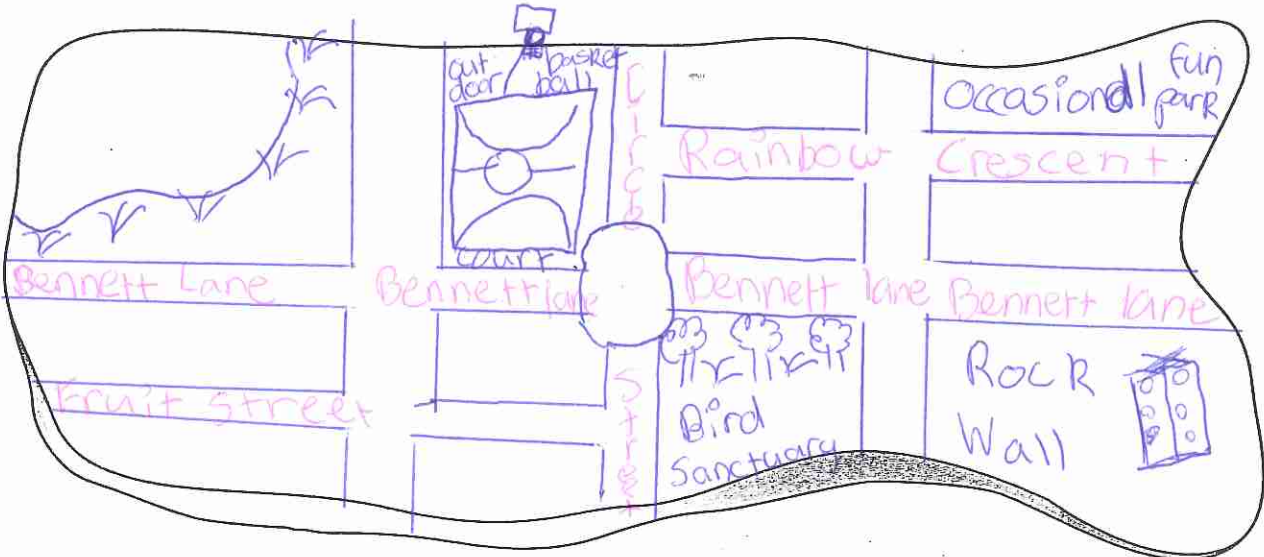
- 4 Write a clear and accurate set of directions to get from Wilson Road N4 to the corner of Norton and Cusack Streets C4.

Travel 600 metres up Wilsons road, Turn left down oven Street and follow the road for 500 metres. Take the Second right turn and walk all the way to the end of Cusack street! ✓

Name Mirayla
 Class 5 Date 3/11/2010

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- 3.5 5 Complete this map of the island that has a scale of 1 cm = 100 m. Draw and name at least 6 straight roads between points around the island, add a lake and some places of interest.

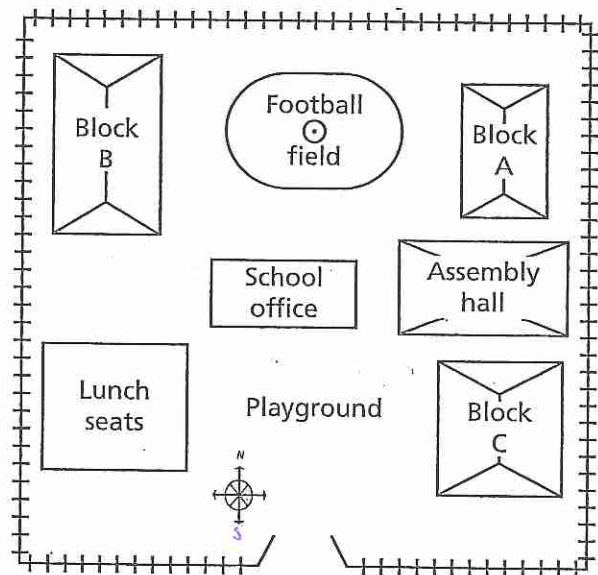


Scale 1 cm = 100 m

- 6 Choose one of your roads and state its length using the scale. Fruit street 700m ✓

- 3.75 7 Answer the questions.

- a What is south of the school office? Playground ✓
 b What is north of the lunch area? Block B ✓
 c What is west of the football field? Block B ✓
 d What is south-east of the office? Block C ✓
 e What is north-west of the office? Block B ✓
 f Is the office south-west of the assembly hall? No ✓
 g What is north-east of the office? Block A ✓



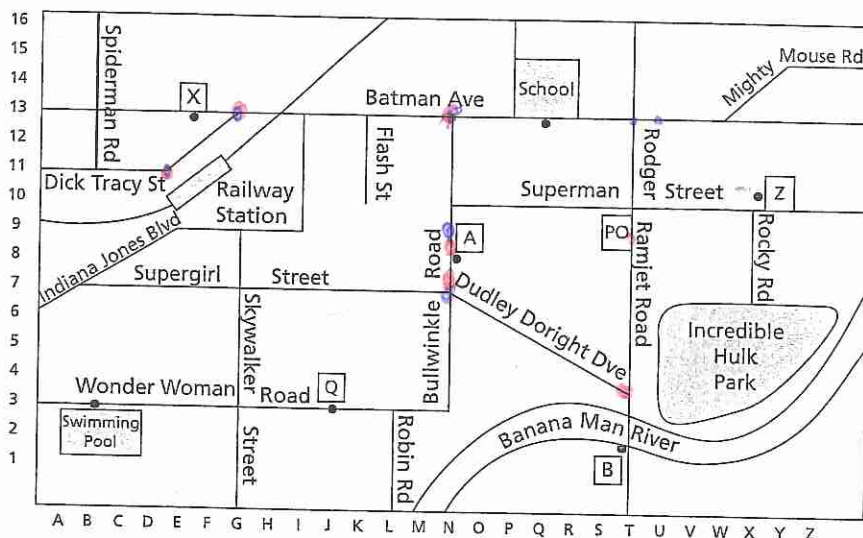
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Class 5 Date 3/11/2010

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HEROVILLE



Scale: 5 mm = 100 m

- 8 Give the coordinate points of the homes of these Superheroes.
 a Q-Man J3 b Z-Man X11 c B-Boy I2
- 9 Use the dot points on the map and the scale to calculate the shortest routes (in metres) from:
 a Q-Man's to the swimming pool 700 m b X-Girls to A-Woman's 500 m
 c X-Girl's to the school 450 m d A-Woman's to Q-Man's 350 m
- 10 Use the scale, coordinates and direction to find what T-Man might be doing. T-Man starts at E11 and heads NE to Batman Ave. He travels 560 m east, then turns south and travels to N8 where he meets a friend. Together they walk 100 m south and then head south-east for another 560 m. Then they walk north for 400 m where they carry out their business. Where has he arrived? Post office

- 11 Use the map, the scale and the taxi information to solve the problem.

Tess entered the cab with 3 pieces of luggage at Z-Man's house and immediately paid the flag fall. She had to drop something off at the post office so she got the cab driver to wait for $3\frac{1}{2}$ minutes. By the time she reached her second last call at Q-Man's house she had travelled 8.2 km. The cab waited at Q-Man's house another $2\frac{1}{4}$ minutes before proceeding onto her final destination which was the swimming pool.

Calculate the cost of the journey using the cab charges. \$ 27.00

TAXI CHARGES

Flag fall = \$2.50
 Each kilometre travelled = \$1.80
 Bags = \$1.50 each
 Waiting time per minute = \$1.60